

8/11/11

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	((CARMIT) near2 (LEVITA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:16
S2	39	((RICHARD) near2 (FAGAN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 10:23
S3	28	((DAVID) near2 (MICHALOVICH)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 10:23
S4	11	((MELANIE) near2 (YORKE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 10:24
S5	1	EP-476233-A\$	DERWENT	OR	ON	2007/10/18 14:23
S6	2	"INSP106"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 14:16
S7	1	EP-476233-A\$	DERWENT	OR	ON	2007/10/18 14:31
S9	0	"DCKYKFENWGACDGGTGTKVRQGT KKARYNAQCQETIRVTKPCTPKTKAKA KGQRKEKGVGLSRGAAPPPRL"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:55
S10	1041	"INSP106" or midkine or "swall" or "P21741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:57
S11	106	S10 and "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:02

EAST Search History

S12	99	S10 and "splice variant" and polypeptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:08
S13	72	midkine and "splice variant" and polypeptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:08
S14	78	midkine and "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S15	35	S14 and polypeptide.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S16	0	midkine near "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S17	5	midkine same "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S18	3	S17 and polypeptide.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09

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=> D HIS

(FILE 'HOME' ENTERED AT 08:36:59 ON 19 OCT 2007)

FILE 'REGISTRY' ENTERED AT 08:37:25 ON 19 OCT 2007

L1 2 S DCKYKFENWGACDGGTGTKVRQGTLLKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKGV

FILE 'CAPLUS' ENTERED AT 08:38:21 ON 19 OCT 2007

L2 1 S L1

FILE 'REGISTRY' ENTERED AT 08:39:36 ON 19 OCT 2007

L3 92 S AKKGKGKD/SQSP

L4 2 S DCKYKFENWGACDGGTGTKVRQGTLLKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKGV

FILE 'CAPLUS' ENTERED AT 08:40:28 ON 19 OCT 2007

L5 71 S L3

L6 1 S L4

L7 1 S L5 AND L6

5/11/07

<!--StartFragment-->RESULT 4

ADI60122

ID ADI60122 standard; protein; 162 AA.

XX

AC ADI60122;

XX

DT 15-APR-2004 (first entry)

XX

DE Secreted polypeptide #6.

XX

KW osteopathic; vulnerary; cytostatic; gene therapy; diagnosis; forensics;

KW gene mapping; mutation identification; biodiversity; chromosome marker;

KW immune response; myeloid cell disorder; lymphoid cell disorder;

KW bone cartilage; tendon; ligament; nerve tissue growth; wound healing;

KW burns; incision; ulcer; cancer.

XX

OS Homo sapiens.

XX

PN WO2003025142-A2.

XX

PD 27-MAR-2003.

XX

PF 18-SEP-2002; 2002WO-US029636.

XX

PR 18-SEP-2001; 2001US-0323349P.

PR 16-SEP-2002; 2002US-00323349.

XX

PA (HYSE-) HYSEQ INC.

XX

PI Tang YT, Asundi V, Goodrich RW, Ren F, Zhang J, Zhao QA, Wang J;

PI Ghosh M, Xue AJ, Wehrman T, Weng G, Zhou P, Drmanac RT;

XX

DR WPI; 2003-354601/33.

DR N-PSDB; ADI60467.

XX

PT New polynucleotides and secreted proteins, useful for treating myeloid or

PT lymphoid cell disorders, in bone cartilage, tendon, ligament and nerve

PT tissue growth or regeneration, in wound healing, and in tissue repair and

PT replacement.

XX

PS Claim 20; SEQ ID NO 157; 243pp; English.

XX

CC The invention relates to novel isolated polynucleotides or a sequence

CC encoding a polypeptide with biological activity, where the polynucleotide

CC hybridizes to the polynucleotide under stringent hybridization conditions

CC or has greater than 99% sequence identity with the polynucleotide. The

CC polynucleotides and polypeptides are useful in diagnostics, forensics,

CC gene mapping, identification of mutations responsible for genetic

CC disorders and other traits, to assess biodiversity, as nutritional

CC sources or supplements. The polynucleotides may also be used as molecular

CC weight markers, chromosome markers or map related gene positions, or as

CC an antigen to raise anti-DNA antibodies or elicit immune response. The

CC polypeptides are useful for raising antibodies, as markers for tissues in

CC which the corresponding polypeptide is expressed, for re-engineering

CC damaged or diseased tissues, for treating myeloid or lymphoid cell

CC disorders, in bone cartilage, tendon, ligament and/or nerve tissue growth

CC or regeneration, in wound healing, in tissue repair and replacement, in

CC healing of burns, incisions and ulcers, and in treating cancer. This

CC sequence corresponds to a protein sequence of the invention.

XX

SQ Sequence 162 AA;

Query Match 97.8%; Score 398; DB 7; Length 162;
 Best Local Similarity 100.0%; Pred. No. 6.7e-39;
 Matches 72; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DCKYKFENWGACDGGTGTKVRQGTLLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKG 60
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 83 DCKYKFENWGACDGGTGTKVRQGTLLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKG 142

Qy 61 VGLSRGAAPPPP 72
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 Db 143 VGLSRGAAPPPP 154
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